

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013155.D
 Acq On : 16 Dec 2020 06:32
 Operator : CG/JU
 Sample : L4996-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20201207

Quant Time: Dec 16 08:09:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

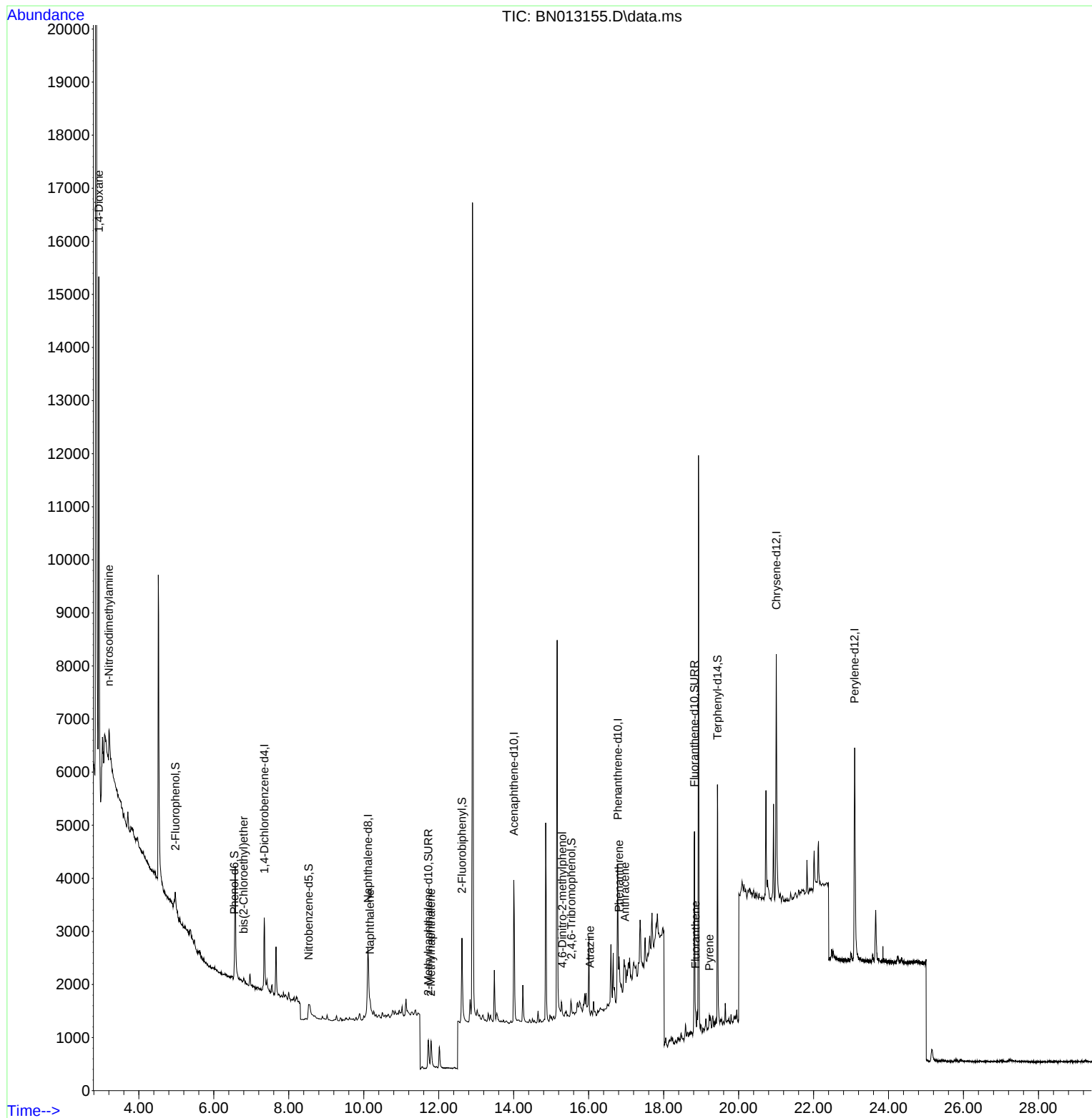
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	821	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2665	0.40	ng	# 0.00
13) Acenaphthene-d10	14.004	164	1715	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3923	0.40	ng	# 0.00
29) Chrysene-d12	21.006	240	5296	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	5760	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	282	0.08	ng	0.00
5) Phenol-d6	6.549	99	150	0.04	ng	0.00
8) Nitrobenzene-d5	8.528	82	640	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.724	152	1201	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	234	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1790	0.25	ng	-0.01
27) Fluoranthene-d10	18.821	212	4965	0.38	ng	0.00
31) Terphenyl-d14	19.436	244	4955	0.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	6276	4.38	ng	95
3) n-Nitrosodimethylamine	3.198	42	351	0.15	ng	# 12
6) bis(2-Chloroethyl)ether	6.798	93	78	0.04	ng	# 74
9) Naphthalene	10.163	128	277	0.03	ng	# 36
12) 2-Methylnaphthalene	11.795	142	532	0.10	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.298	198	3	0.19	ng	# 1
23) Atrazine	16.033	200	225	0.10	ng	# 1
25) Phenanthrene	16.812	178	900	0.07	ng	# 86
26) Anthracene	16.970	178	326	0.03	ng	# 1
28) Fluoranthene	18.856	202	350	0.02	ng	# 92
30) Pyrene	19.218	202	433	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	20.931	149	1464	Below	Cal	99

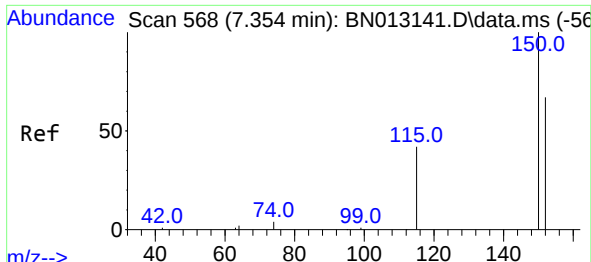
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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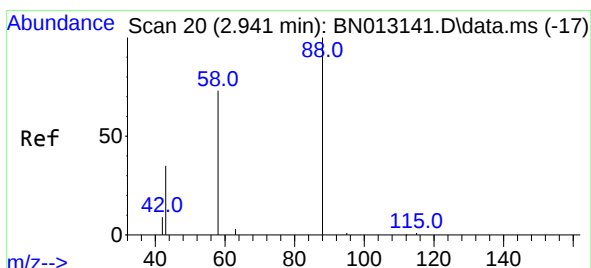
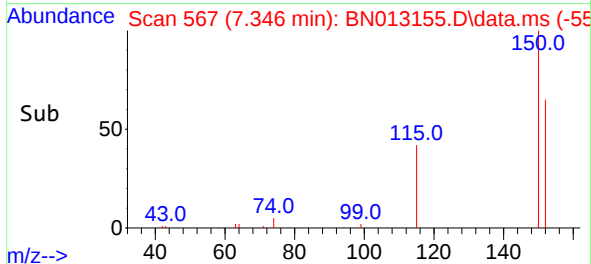
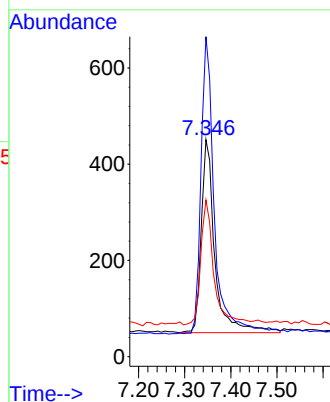
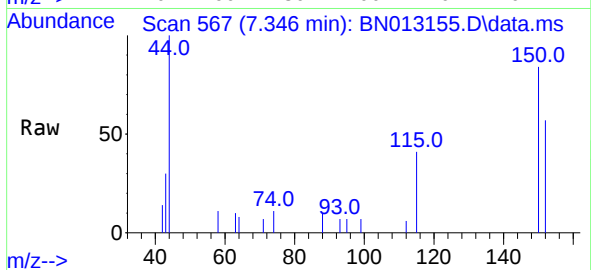


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

Tgt Ion:152 Resp: 821

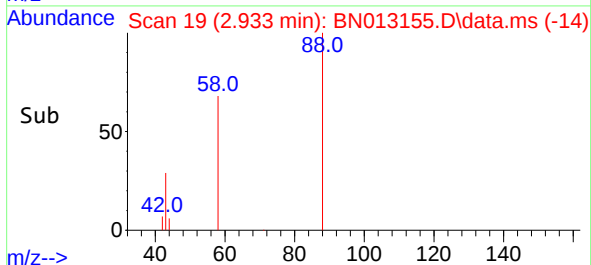
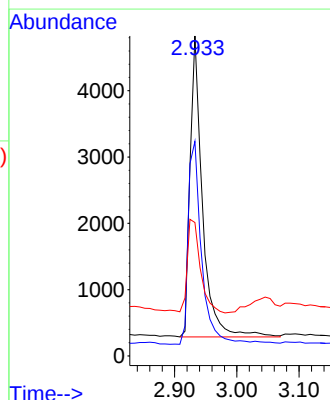
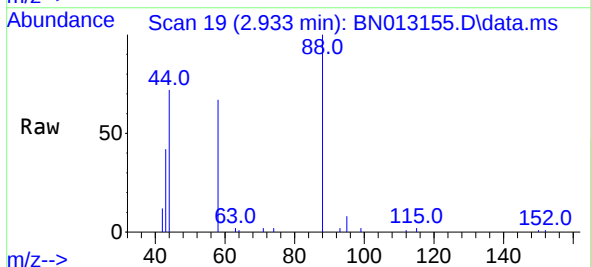
Ion	Ratio	Lower	Upper
152	100		
150	147.5	116.6	174.8
115	72.3	52.9	79.3

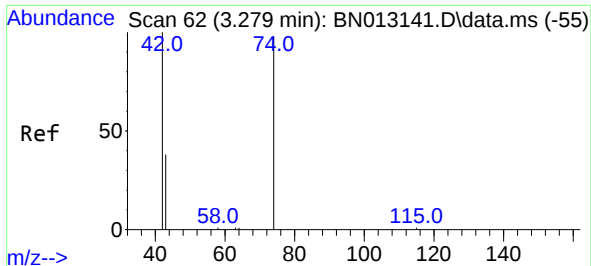


#2
1,4-Dioxane
Concen: 4.38 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion: 88 Resp: 6276

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.4	89.2
43	32.5	32.3	48.5

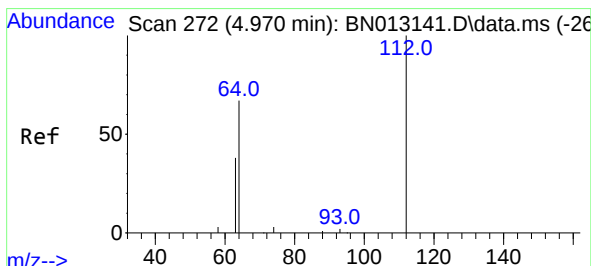
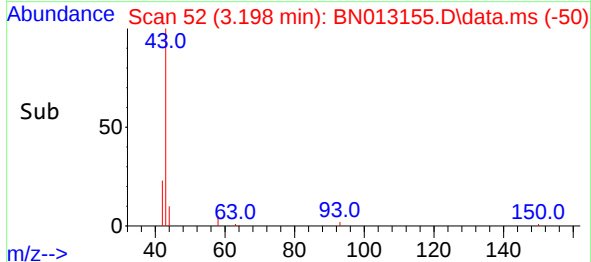
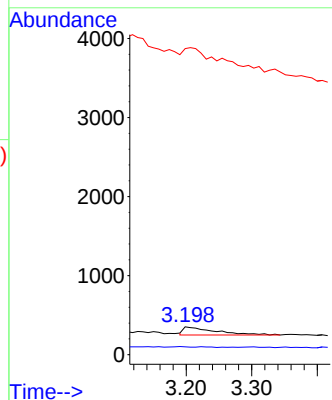
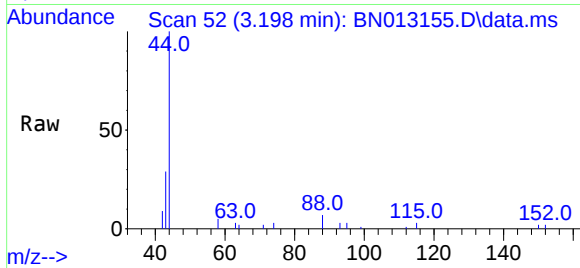




#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.198 min Scan# 52
Delta R.T. -0.081 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

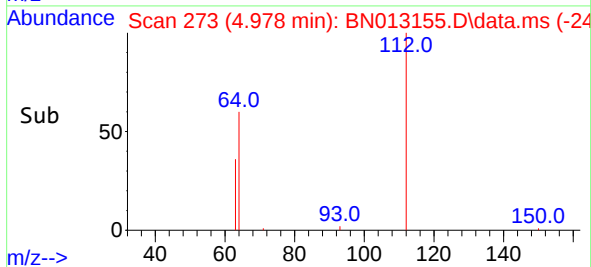
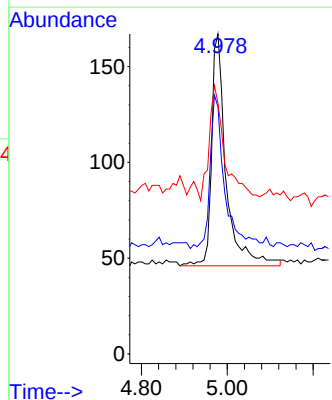
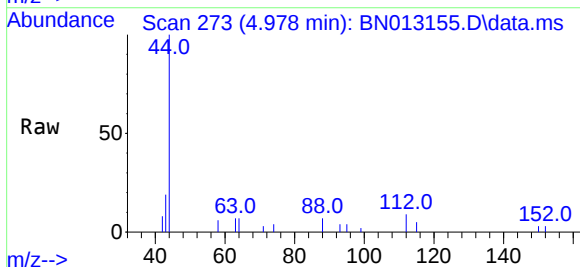
Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

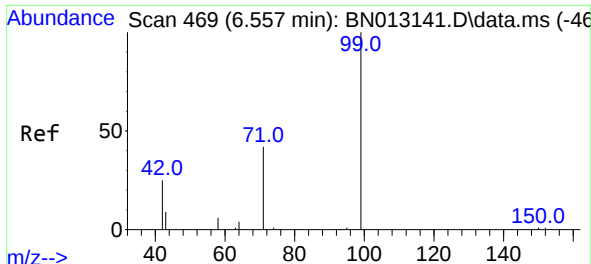
Tgt Ion: 42 Resp: 351
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion: 112 Resp: 282
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 55.0 32.0 48.0#

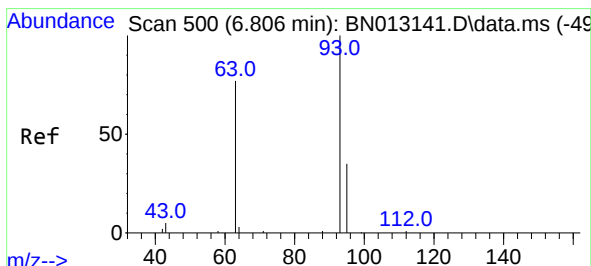
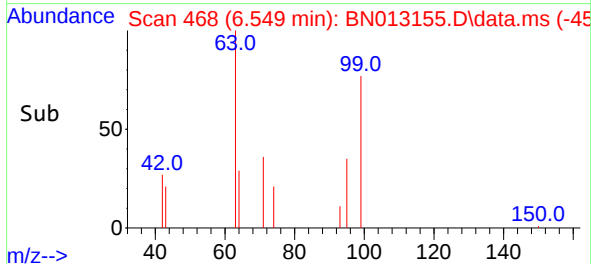
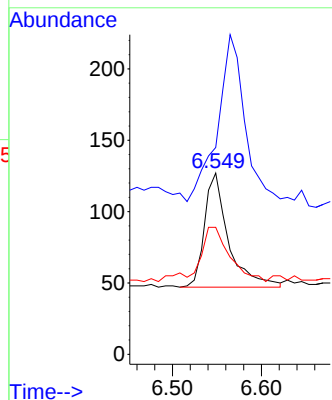
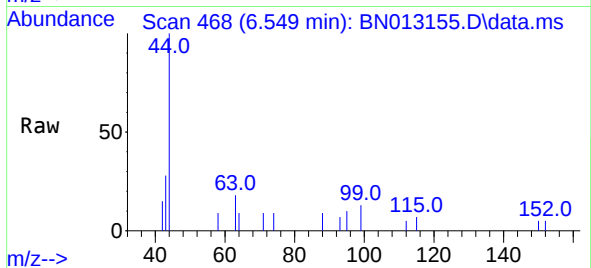




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

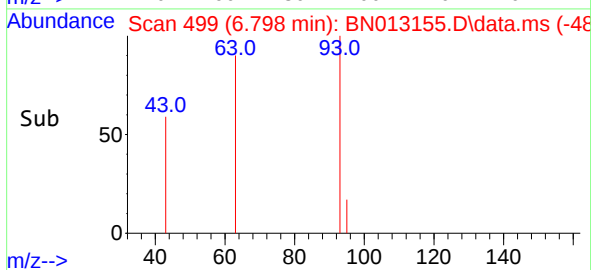
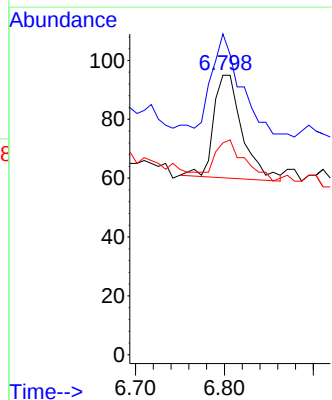
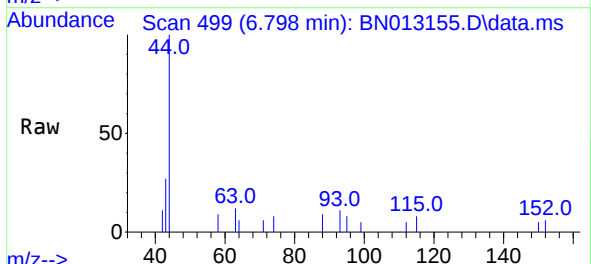
Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

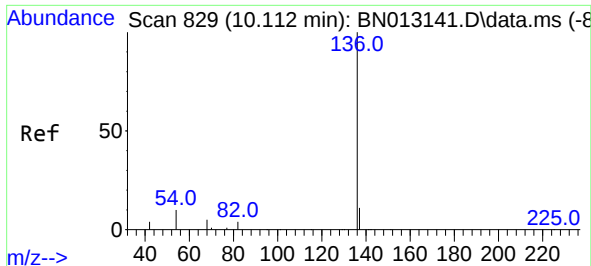
Tgt Ion: 99 Resp: 150
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 60.7 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

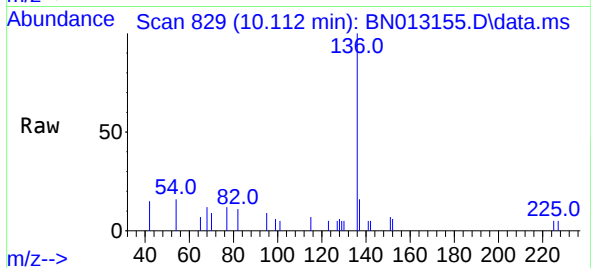
Tgt Ion: 93 Resp: 78
Ion Ratio Lower Upper
93 100
63 109.0 63.1 94.7#
95 35.9 26.1 39.1



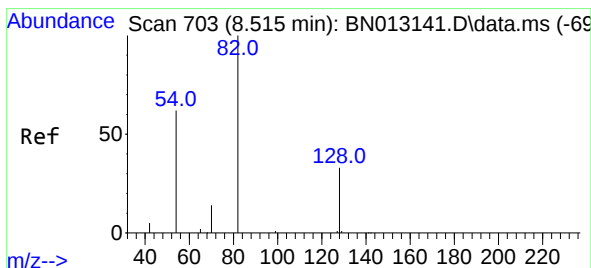
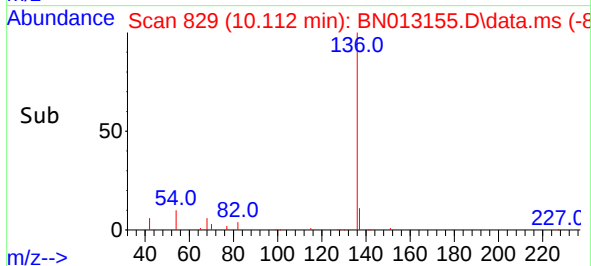
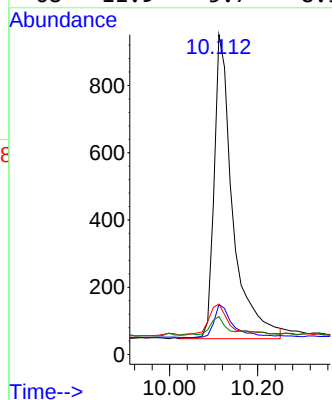


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

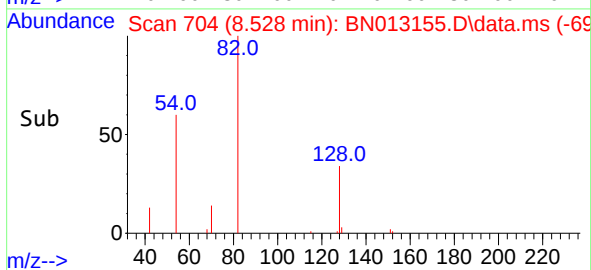
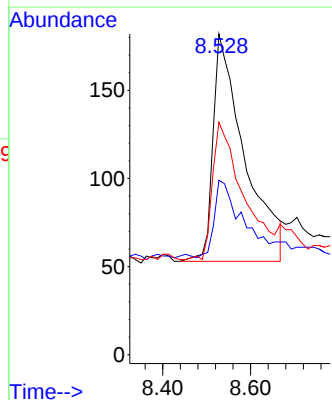
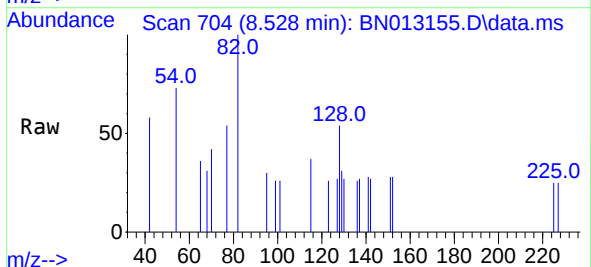


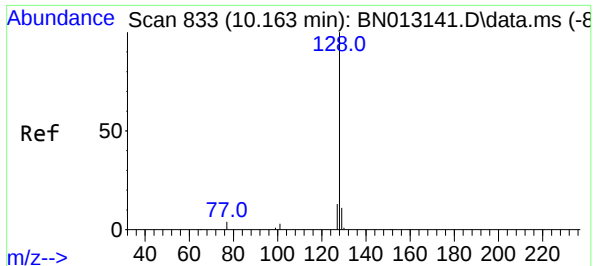
Tgt Ion:136	Resp:	2665
Ion	Ratio	Lower Upper
136	100	
137	15.7	10.6 15.8
54	15.8	8.6 12.8#
68	11.9	5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.013 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion: 82	Resp:	640
Ion	Ratio	Lower Upper
82	100	
128	54.4	30.6 46.0#
54	72.5	48.3 72.5#

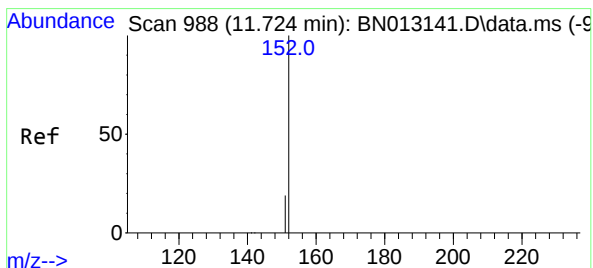
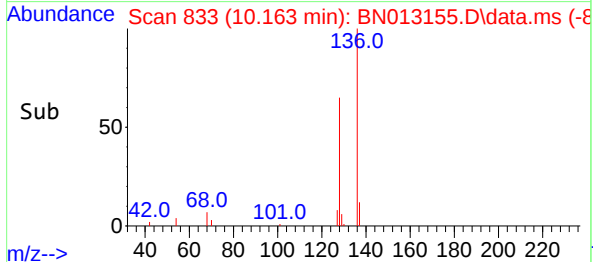
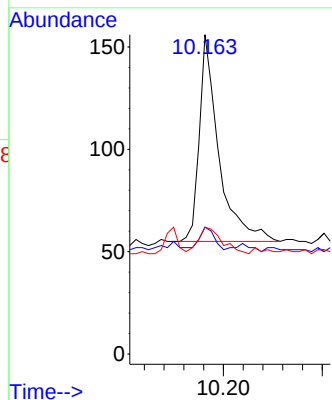
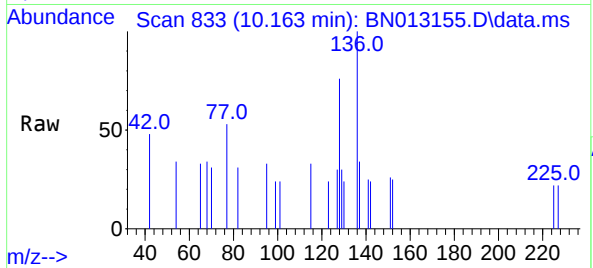




#9
Naphthalene
Concen: 0.03 ng
RT: 10.163 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

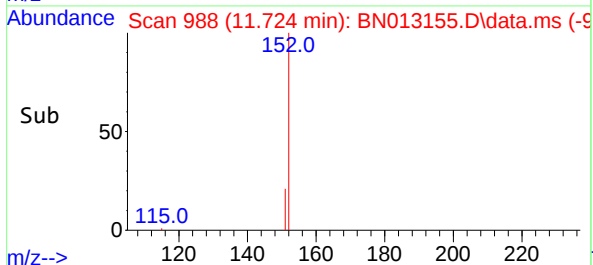
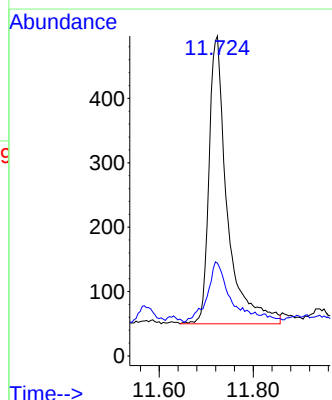
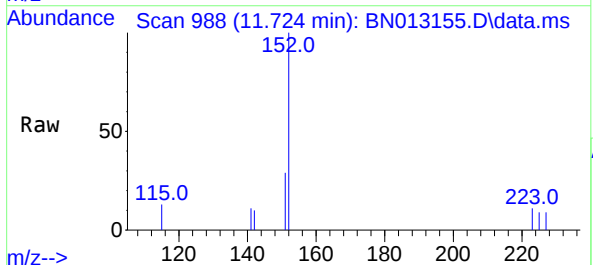
Instrument :
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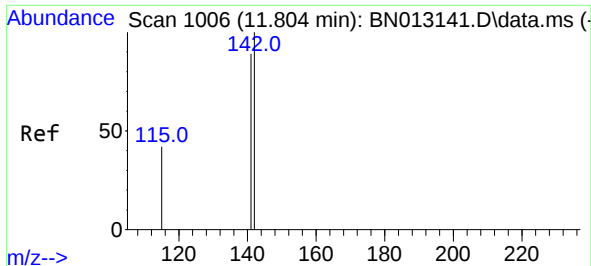
Tgt Ion:	128	Resp:	277
Ion	Ratio	Lower	Upper
128	100		
129	39.7	9.8	14.8#
127	39.7	12.2	18.4#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:	152	Resp:	1201
Ion	Ratio	Lower	Upper
152	100		
151	26.6	16.7	25.1#

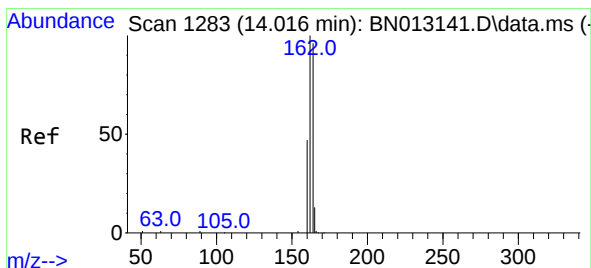
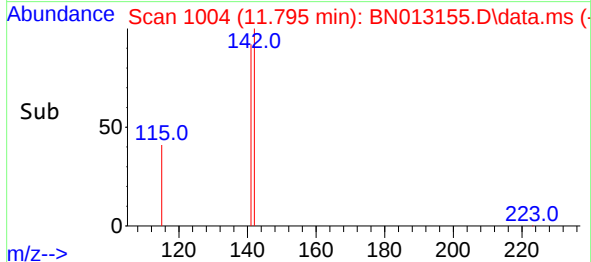
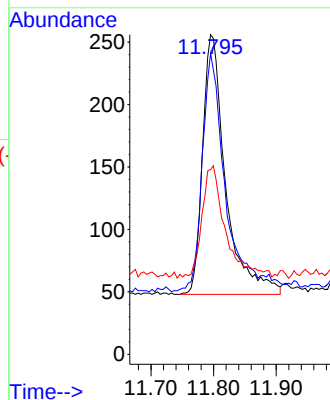
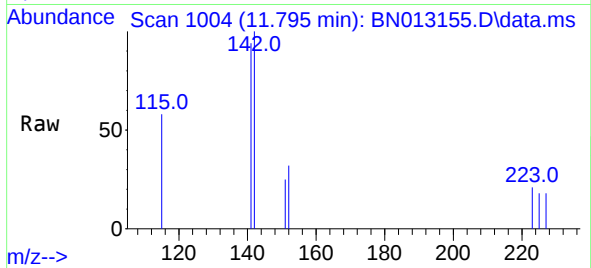




#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 11.795 min Scan# 1004
Delta R.T. -0.009 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

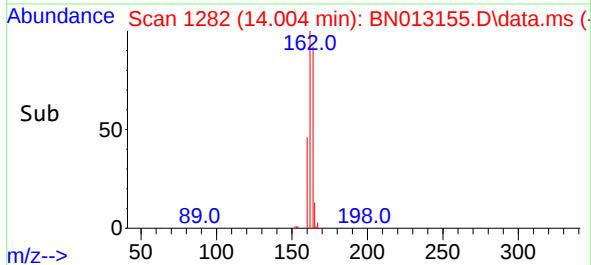
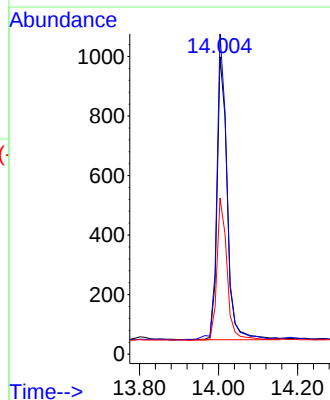
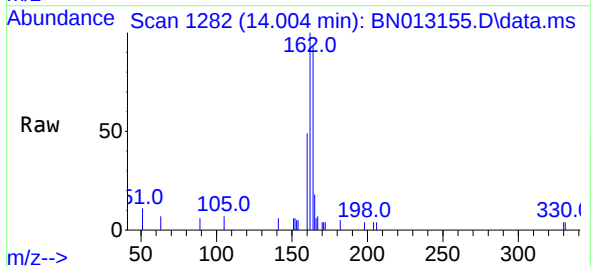
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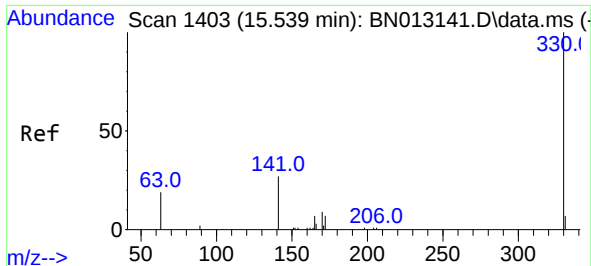
Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
141 94.1 69.4 104.2
115 57.8 35.7 53.5#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:164 Resp: 1715
Ion Ratio Lower Upper
164 100
162 107.7 80.6 120.8
160 52.5 39.5 59.3

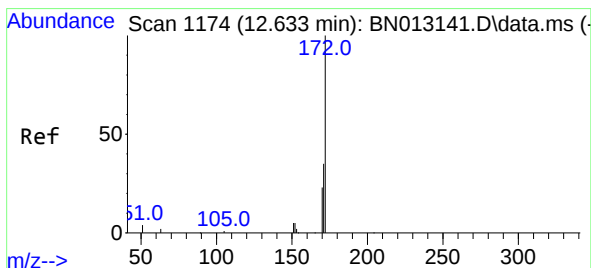
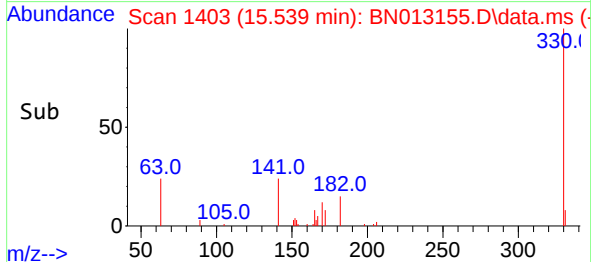
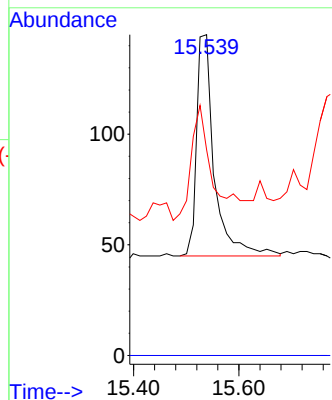
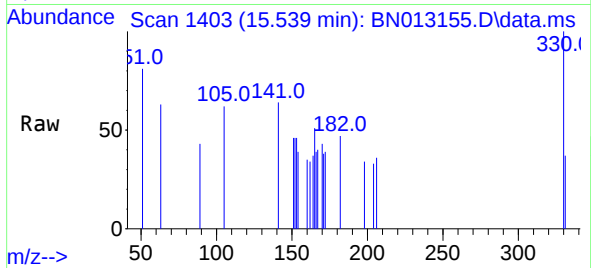




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

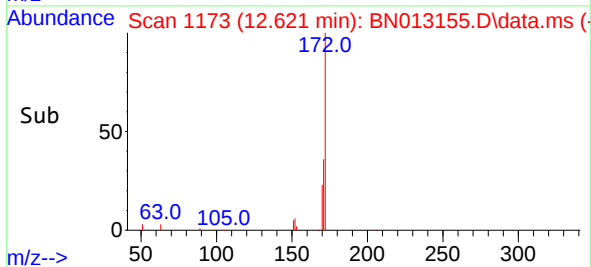
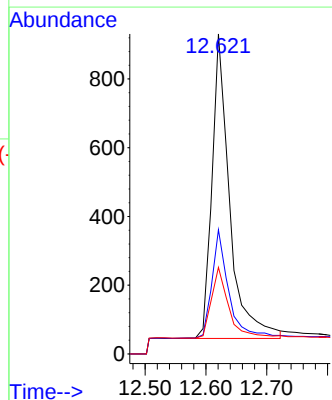
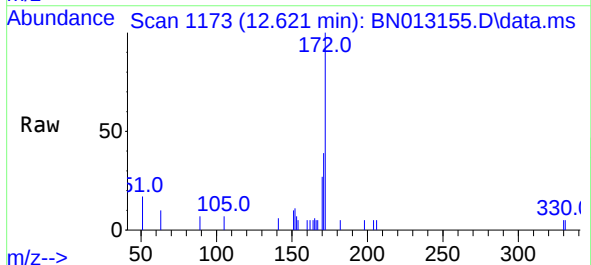
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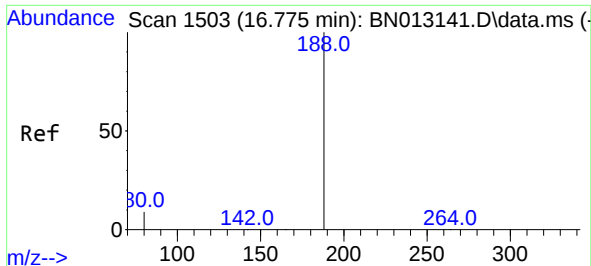
Tgt Ion:330 Resp: 234
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 62.0 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:172 Resp: 1790
Ion Ratio Lower Upper
172 100
171 38.8 28.2 42.4
170 27.1 20.0 30.0

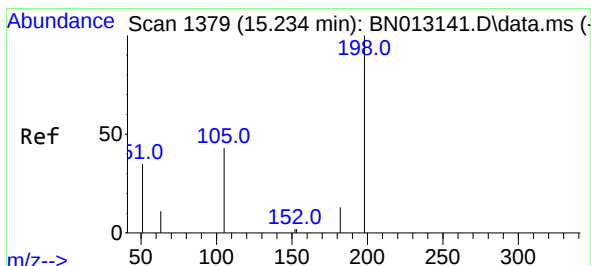
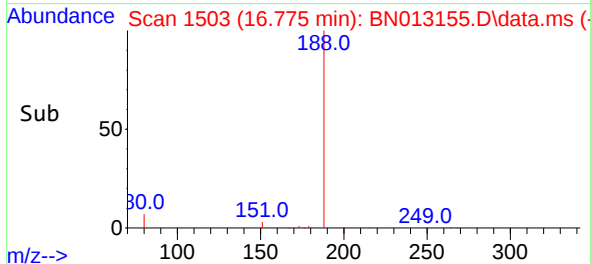
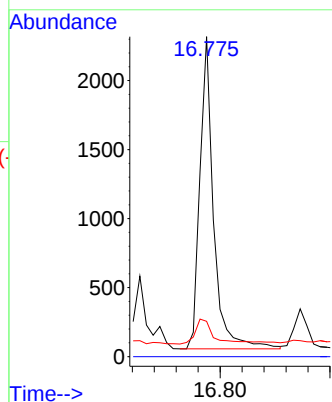
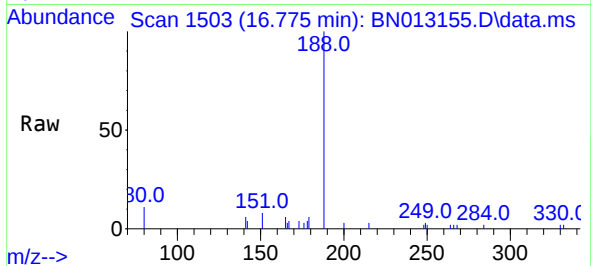




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

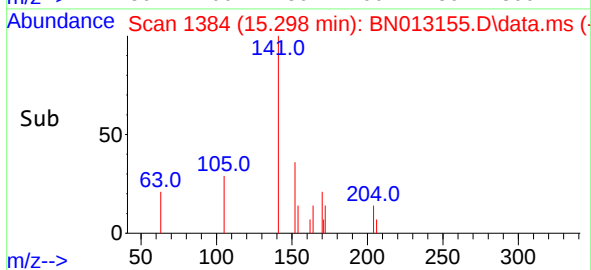
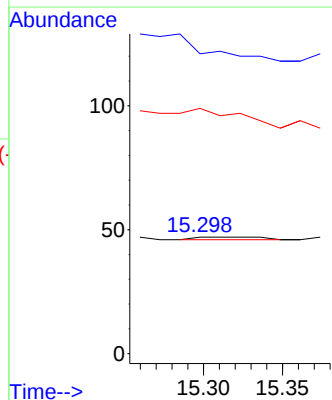
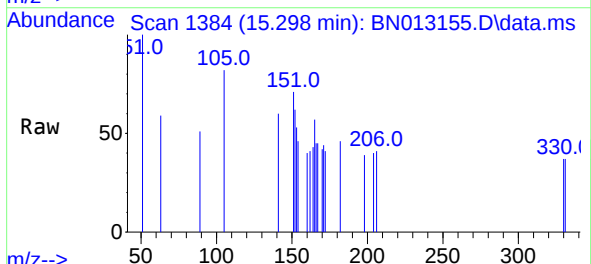
Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

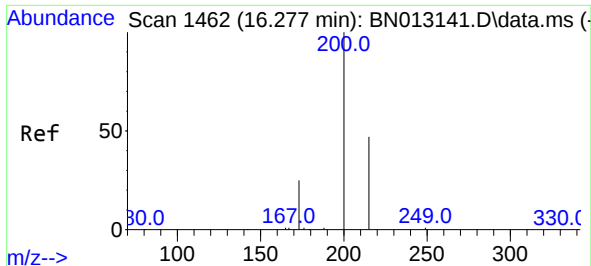
Tgt Ion:	188	Resp:	3923
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.064 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:	198	Resp:	3
Ion	Ratio	Lower	Upper
198	100		
51	257.4	43.5	65.3#
105	210.6	27.2	40.8#

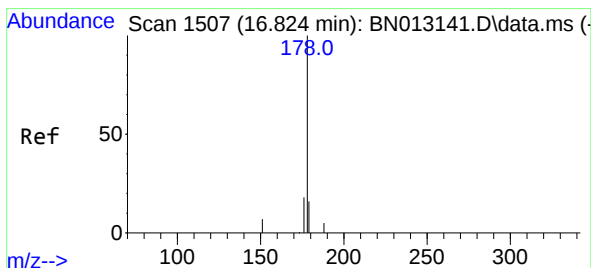
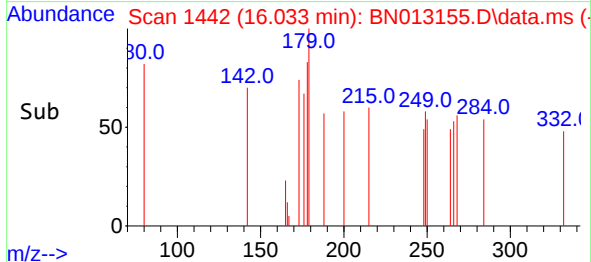
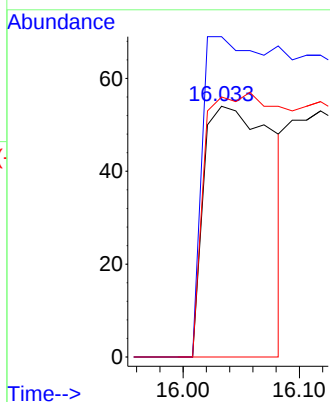
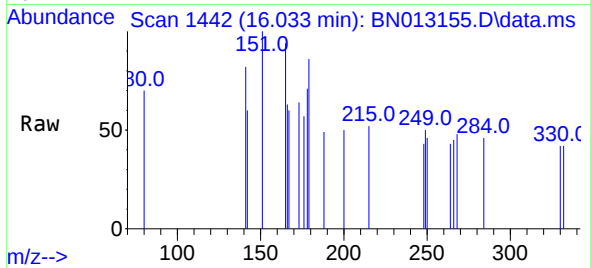




#23
Atrazine
Concen: 0.10 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.243 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

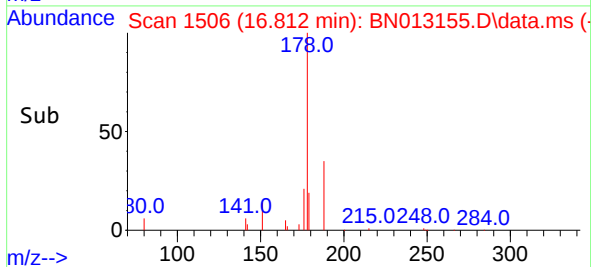
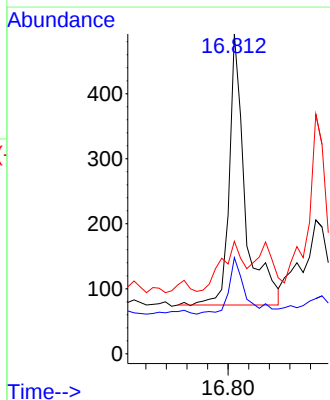
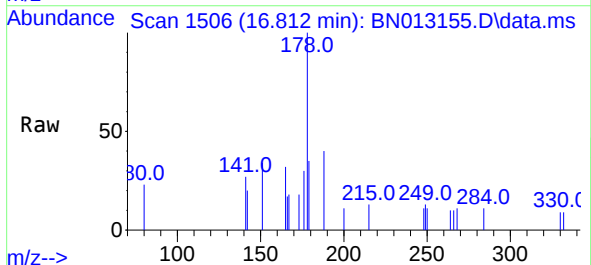
Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

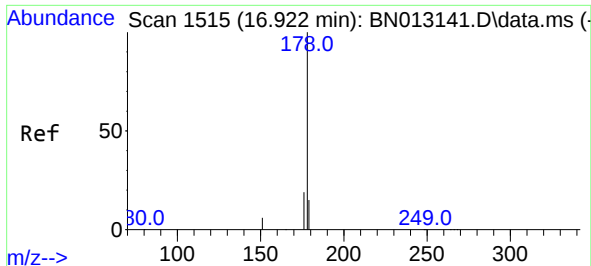
Tgt Ion:200 Resp: 225
Ion Ratio Lower Upper
200 100
173 127.8 22.8 34.2#
215 103.7 38.1 57.1#



#25
Phenanthrene
Concen: 0.07 ng
RT: 16.812 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:178 Resp: 900
Ion Ratio Lower Upper
178 100
176 22.1 14.8 22.2
179 24.7 12.4 18.6#

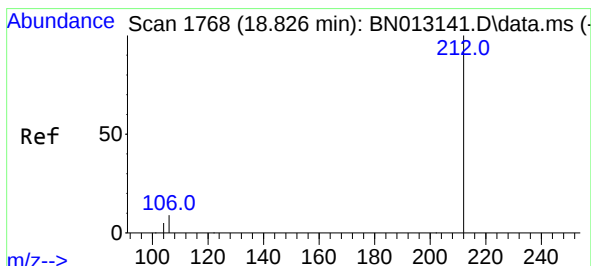
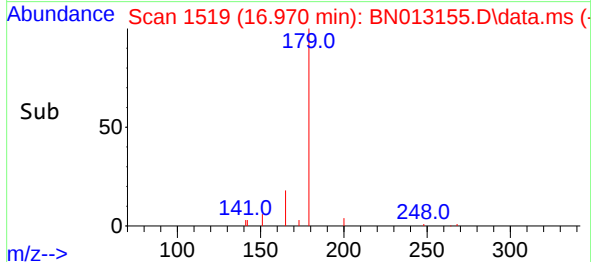
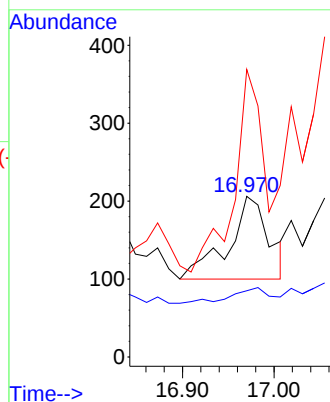
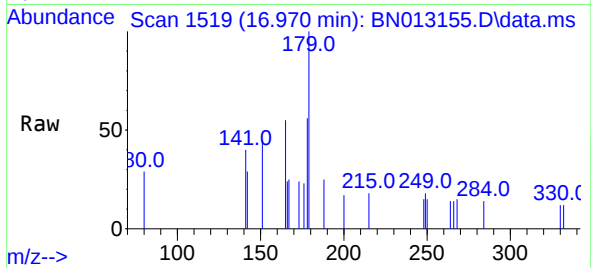




#26
 Anthracene
 Concen: 0.03 ng
 RT: 16.970 min Scan# 1519
 Delta R.T. 0.049 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

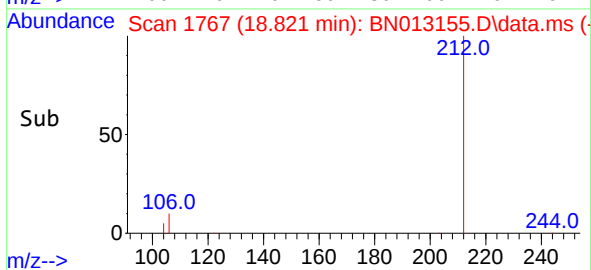
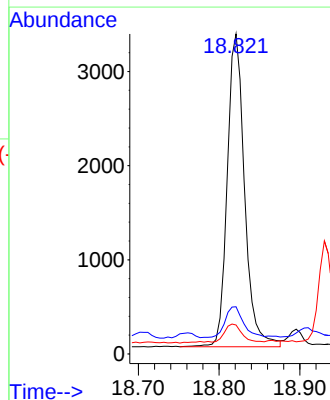
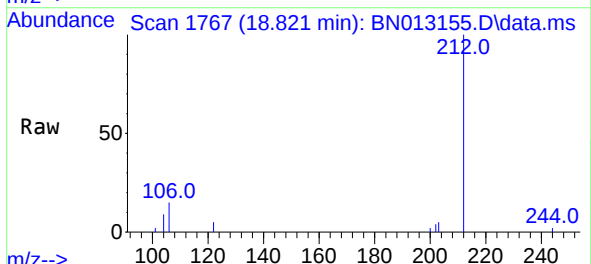
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20201207

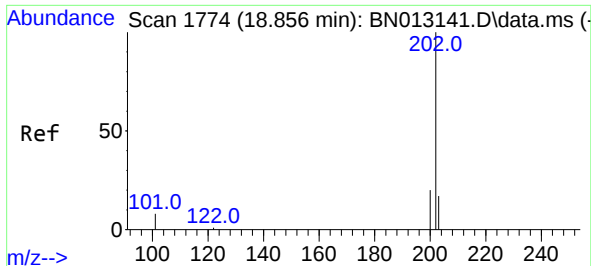
Tgt Ion:	178	Resp:	326
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	172.1	12.5	18.7#



#27
 Fluoranthene-d10
 Concen: 0.38 ng
 RT: 18.821 min Scan# 1767
 Delta R.T. -0.005 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

Tgt Ion:	212	Resp:	4965
Ion	Ratio	Lower	Upper
212	100		
106	10.5	6.8	10.2#
104	5.6	4.1	6.1

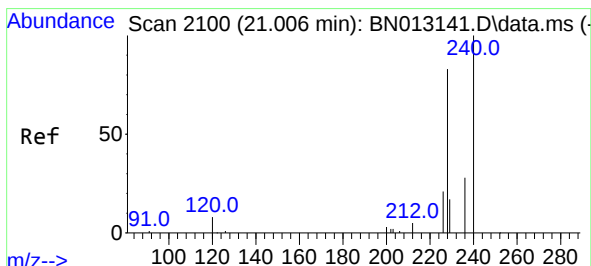
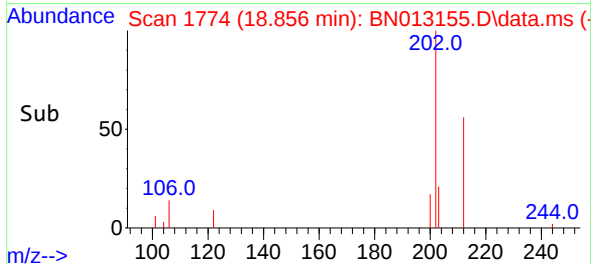
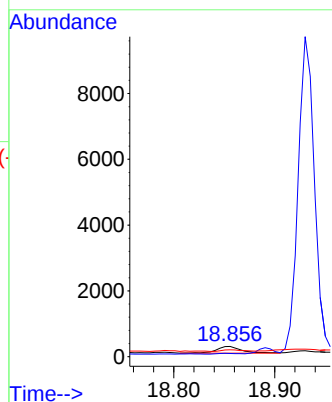
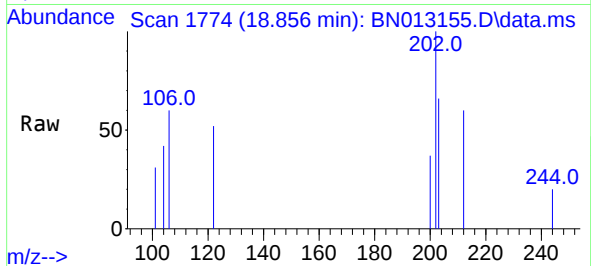




#28
Fluoranthene
Concen: 0.02 ng
RT: 18.856 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

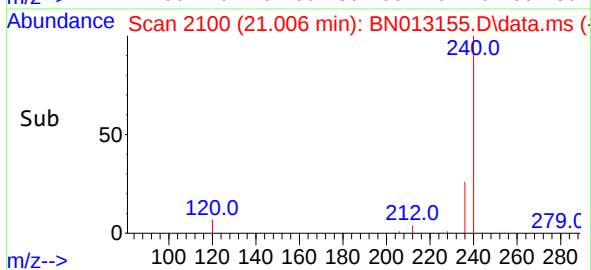
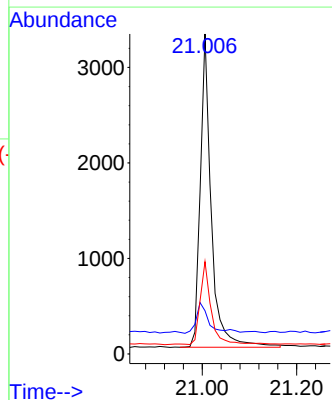
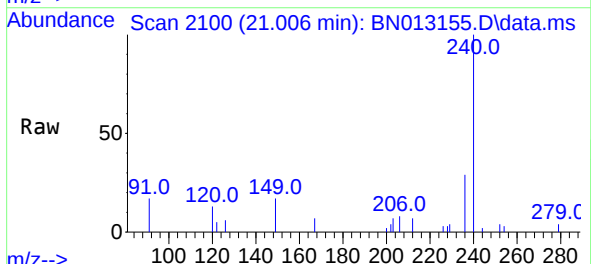
Instrument :
BNA_N
ClientSampleId :
RE132D5-20201207

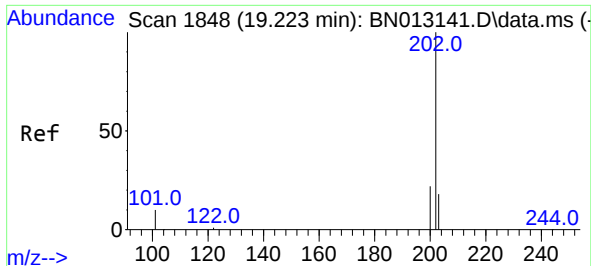
Tgt Ion:202 Resp: 350
Ion Ratio Lower Upper
202 100
101 0.0 5.8 8.6#
203 18.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN013155.D
Acq: 16 Dec 2020 06:32

Tgt Ion:240 Resp: 5296
Ion Ratio Lower Upper
240 100
120 13.5 5.3 7.9#
236 28.8 21.8 32.8

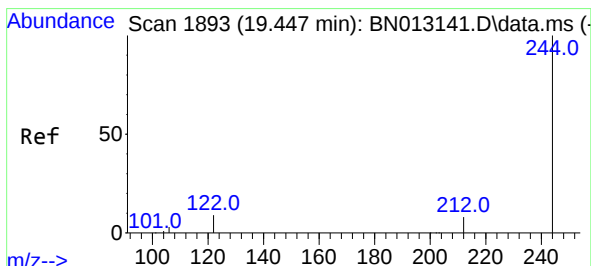
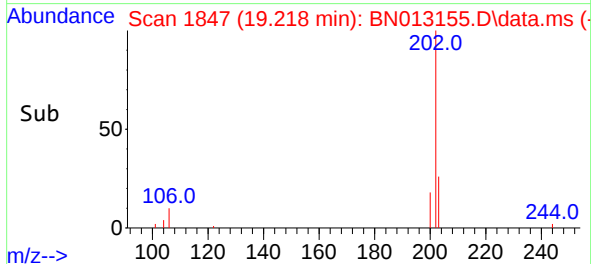
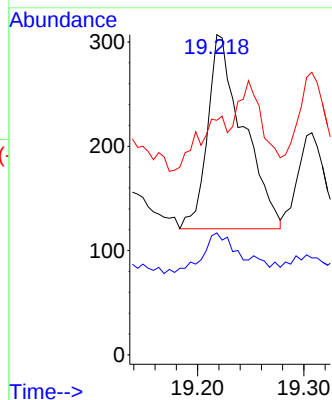
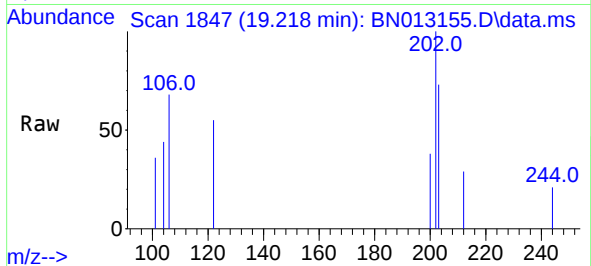




#30
 Pyrene
 Concen: 0.02 ng
 RT: 19.218 min Scan# 1847
 Delta R.T. -0.005 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

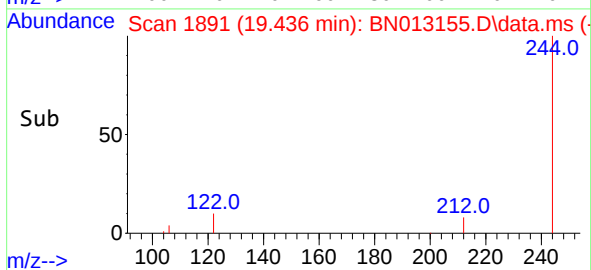
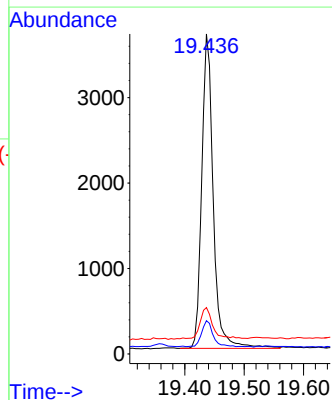
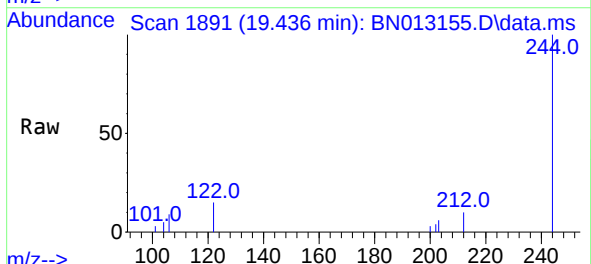
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20201207

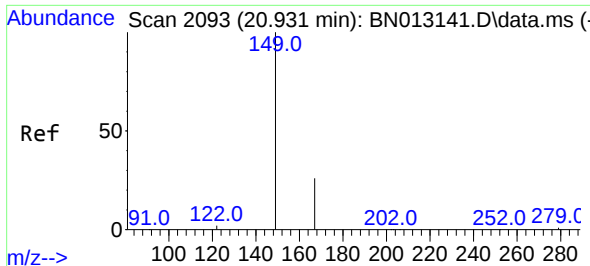
Tgt Ion:202 Resp: 433
 Ion Ratio Lower Upper
 202 100
 200 18.0 16.6 24.8
 203 21.9 13.8 20.8#



#31
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 19.436 min Scan# 1891
 Delta R.T. -0.010 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

Tgt Ion:244 Resp: 4955
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.3 10.9
 122 14.5 7.3 10.9#

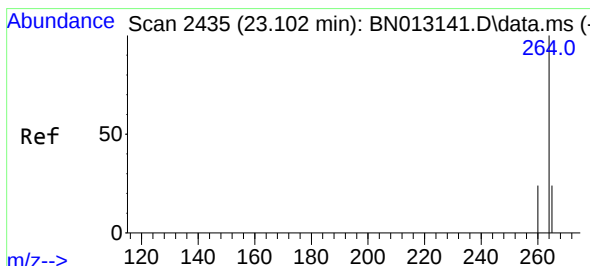
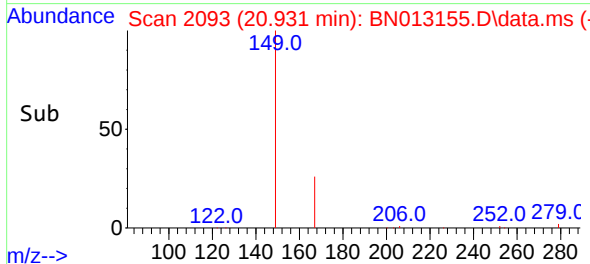
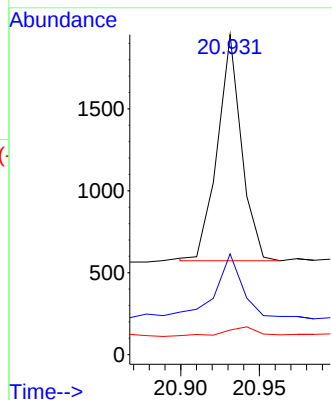
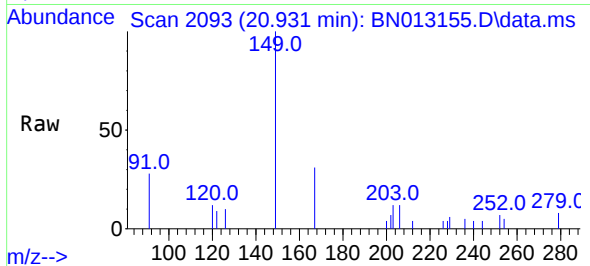




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.931 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20201207

Tgt Ion:149 Resp: 1464
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.2 34.8
 279 4.9 3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.096 min Scan# 2433
 Delta R.T. -0.007 min
 Lab File: BN013155.D
 Acq: 16 Dec 2020 06:32

Tgt Ion:264 Resp: 5760
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.8 29.6
 265 67.7 51.4 77.0

